

Appointment:

From: cadickerson@cadconsulting.biz

To: cadickerson@cadconsulting.biz (cadickerson@cadconsulting.biz); Doug Mahone, HMG (dmahone@h-m-g.com); Jaclyn Marks, CPUC (jaclyn.marks@cpuc.ca.gov); Mark Martinez, SCE (Mark.S.Martinez@sce.com); Kevin McKinley, SDG&E/SCE (KMcKinley@semprautilities.com); Edward Marino, Sierra Club (edward.marino@sierraclub.org); Dina Mackin, CPUC (dina.mackin@cpuc.ca.gov); Sierra Martinez, NRDC (smartinez@nrdc.org); Lonnie Mansi, SDG&E (lmansi@semprautilities.com); Nickerman, Luke (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=LXNG); Millar, David (/O=PG&E/OU=Corporate/cn=Recipients/cn=DUMG); Neil Millar, CAISO (nmillar@caiso.com); Loan Nguyen, SCG (LNguyen@semprautilities.com); Bill Mosen, MRW (wam@mrwassoc.com); Richard Oberg, SMUD (ROberg@smud.org); Hazel Miranda, CPUC (hazel.miranda@cpuc.ca.gov); Dave Modisette, CMUA (dmodisette@cmua.org); Jim McMahon, Better Climate (jim@betterclimate.info); Kirsten Midura, Navigant (kirsten.midura@navigant.com); Le-Quyen Nguyen, CEC (Le-Quyen.Nguyen@energy.ca.gov); Cynthia Mitchell, TURN (cynthiakmitchell@gmail.com); Ali Miramadi, CAISO (al miremadi@gmail.com); Catalyn Misca, CAISO (cmisca@caiso.com); Mike Messenger, ITRON (mike.messenger@itron.com); Ali Miramadi, CAISO (amiremadi@caiso.com); Ramaiya, Shilpa R (/o=PG&E/ou=Corporate/cn=Recipients/cn=SRRd); Patry, Daniel (/O=PG&E/OU=Corporate/cn=Recipients/cn=DbP0); Plummer, Matthew (/O=PG&E/OU=Corporate/cn=Recipients/cn=M3PU); Nika Rogers, CPUC (nlr@cpuc.ca.gov); Jill Powers, CAISO (jpowers@caiso.com); David Peck, CPUC (david.peck@cpuc.ca.gov); Amy Reardon, CPUC (amy.reardon@cpuc.ca.gov); Mabel Paine, ICFI (mpaine@icfi.com); Neal Rearden, CPUC (neal.reardon@cpuc.ca.gov); Keith Roberts, CEC (Keith.Roberts@energy.ca.gov); Mike Rufo, ITRON (mike.rufo@itron.com); Ted Pope, Energy Solutions (TPope@energy-solution.com); Rob Rubin, SDG&E (rrubin@semprautilities.com); Matt O'Kefe, Opower (california@opower.com); Bill Pennington, CEC (Bpenning@energy.state.ca.us); Bruce Pearlstein, Navigant (bruce.pearlstein@navigant.com); Sam Piell, Navigant (sam.piell@navigant.com); Rachel Radell, SMUD (rradel@smud.org); Kristen Ralff Douglas, CPUC (krd@cpuc.ca.gov); Tom Osterhus, Integral Analytics (tom.osterhus@integralanalytics.com); Brad Rogers, Navigant (brad.rogers@navigant.com); Dennis Peters, CAISO (dpeters@caiso.com); Robert Russell, Navigant (robert.russell@navigant.com); Justin Regnier, CEC (JRegnier@energy.state.ca.us); Cynthia Rogers, CEC (crogers@energy.state.ca.us)

Subject: Demand Analysis Working Group DAWG & Pony Show

Location: PEC, 851 Howard St, San Francisco

Start: 4/22/2014 12:00:00 AM

End: 4/23/2014 12:00:00 AM

When: Tuesday, April 22, 2014, 12:00 AM to Wednesday, April 23,

2014, 12:00 AM. (UTC-08:00) Pacific Time (US & Canada)  
Where: PEC, 851 Howard St, San Francisco

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

**This is our initiation meeting for this cycle. We'd really like you to attend -- this is a good meeting to bring others if you desire to do so.**

## **Demand Analysis Working Group (DAWG)**

**April 22, 2014**

**Pacific Energy Center**

**851 Howard Street**

**San Francisco, CA**

**Directions:** <http://www.pge.com/pec/admin/directions.shtml>

**10:00 am-4:00 pm**

**Call in number:** 866-740-1260

**Code:** 58-59-653#

**Web:**

<https://cadconsulting.webex.com/cadconsulting/j.php?MTID=m9122e22f45f52b2db41ff21d5f2909b>

**Password:** dawg

**Meeting link:** <http://demandanalysisworkinggroup.org/?p=985>

**AGENDA**

**10:00 am** Welcome and introductions

**10:10 am** Introduction to DAWG – Dickerson, DAWG; Alexander, CPUC

- Origins
- Purpose
- Key entities

**10:30** Demand Forecasts – Kavalec, Energy Commission

- What is a demand forecast? (inputs/outputs) (energy, peak, natural gas)
- Entities that produce demand forecasts (Energy Commission, utilities, role of CEC Expert Panel)
- Basic approaches
- Approach(es) for inclusion of demand modifiers
- Current issues

**11:15 am** Processes for which demand forecasts are key inputs – Kristov, CAISO; Alexander, CPUC

- Integrated Energy Policy Report (IEPR) (CEC)
- Long Term Procurement Plan (LTPP) (CPUC)
- Transmission Planning Process (TPP) (CAISO)
- Resource Adequacy (RA) (CPUC)

**12:00 pm** Lunch (on your own)

### **DAWG AGENDA (CONTINUED)**

**1:15 pm** Regulatory Proceedings for Demand Modifying Activities – Lu, CPUC; Fromm, Energy Commission; Drew, CPUC

- Energy Efficiency (CPUC/IOUs)
  - Planning (EE Potential)
  - EM&V
- Energy Efficiency AB 2021 SB 1037 (CEC)
- Distributed Generation (customer-side) (CPUC)
- Demand Response ?

**1:45 pm** DAWG Subgroups (for each: summary of past accomplishments; proposed topics for present/future) – Dickerson, DAWG

- Demand Forecasting
- Energy Savings
- Distributed Generation
- Demand Response (prior activity; consideration of future activity)

**2:00 pm**        Priorities for 2014-15 IEPR (and therefore DAWG) cycle – All

- Demand forecasts
  - Further disaggregation of demand forecasts (purpose/process)
  - Move to hybrid model
  - Off-year IEPR update
  - Stakeholder input on priorities
  - CAISO – inclusion of “non-conventional” resources in TPP
  - Desired outputs, required resources, timeline for above
- Energy Efficiency
  - Per State Legislature (Padilla) letter (2013)
  - EE to achieve specific, locational and temporal impacts (and measure and forecast those impacts)
  - CPUC policy, administrator pilots
  - Demonstrate how EE has, or can offset need to build power plants and address duck chart
  - Loadshapes that reflect EE and new shapes given peak shift due to PV
  - Progress toward Saturation Studies?
  - Expanded outreach to POU/attention to POU issues
  - Stakeholder input on priorities
  - Desired outputs, required resources, timeline for above

**DAWG AGENDA (CONTINUED)**

- Distributed Generation
  - Continued improvements in forecasting
  - Review of Net Metering
  - Revisit IOU forecasting; facilitate process improvements if needed
  - Effects of smart meters
  - Expand to include CHP?
  - Stakeholder input on priorities
  - Desired outputs, required resources, timeline
- Demand Response
  - Reconnect with DRMEC
  - Assess whether enhanced participation in DAWG would be beneficial
  - Stakeholder input on priorities
  - Desired outputs, required resources, timeline for above
- Next steps

**3:30**            Priorities for 2014-15 IEPR (and therefore DAWG) cycle

**4:00**            Adjourn

